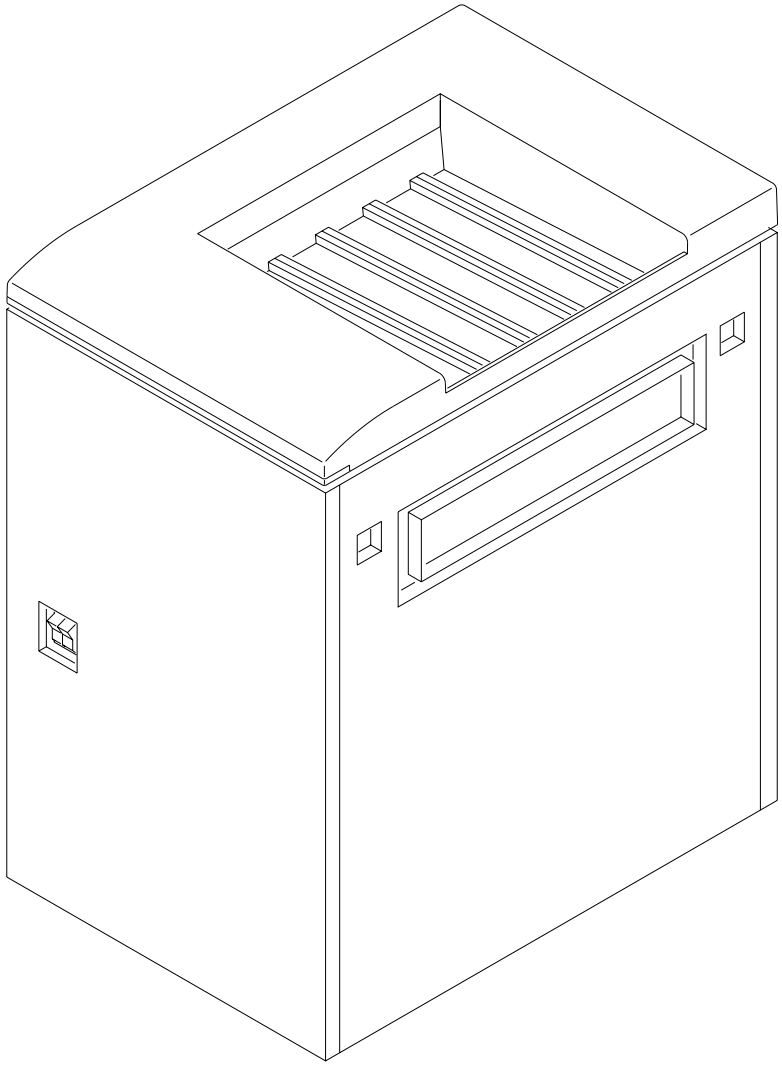
Publication No. 1C7840
July 1995

COMPONENT LOCATOR for the *Kodak X-Omat* 180 LP and 180 LPS PROCESSORS



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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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Section 1: List of Components

Component	Designator	Description	Page
Battery	BT501	Microprocessor Battery	7
Capacitor	C2	A1 Power Supply	8
Circuit Board	500 BD	Microprocessor Circuit Board	8
Circuit Breaker	CB1	Main Power	10
Connectors	J4	Fixer Manager Interface	8
	J11	Diagnostic Interface	8
	P29	Printer Interface	9
	P/J2	AC Electrical Box	8
	P/J3	DC Electrical Box	8
	P/J8	Fixer Manager Current Limit	8
	P/J9	AC Input Quad Power Supply	8
	P/J10	DC Output Quad Power Supply	8
	P/J12	Fixer/Developer Recirculation Pump	10
	P/J14	Replenisher Calibration Switch	9
	P/J15	Developer Replenishment Pump	10
	P/J16	Fixer Replenishment Pump	10
	P/J17	Autotransformer	9
	P/J18	Blower Motor	9
	P/J19	Fixer Heater	10
	P/J20	Developer Heater	10
	P/J21	Dryer Heater	10
	P/J22	Drive Motor	10
	P/J23	Developer Cooling Solenoid	10
	P/J24	Dryer Air Flow Switch	9
	P/J25	Top Cover Interlock Switch	11
	P/J26	Developer Thermistor	10
	P/J27	Fixer Thermistor	10
	P/J28	Dryer Thermistor	9
	P/J30	Input Water Solenoid	10
	P/J31	Drive Side Film Detector	11
	P/J32	Non-Drive Side Film Detector	11
	P/J33	Exit Assembly	11
	P/J34	Exit Switch	11
	P/J54	Sorter Harness	8
	P/J501	Microprocessor Circuit Board	7

Component	Designator	Description	Page
Connectors (continued)	P/J502	Microprocessor Circuit Board	7
	P/J503	Microprocessor Circuit Board	7
	P/J504	Microprocessor Circuit Board	7
	P/J505	Microprocessor Circuit Board	7
	P/J506	Microprocessor Circuit Board	7
	P/J507	Microprocessor Circuit Board	7
	P/J508	Microprocessor Circuit Board	7
	P/J509	RS 232 Serial Port	7
Diodes	CR1	EMI Line Filter	10
	CR2	Developer Cooling Solenoid	10
	CR3	Film Sorter Solenoid	11
Filter	FL1	EMI Line Filter	10
Fuses	F1	Dryer Blower/Pumps	8
	F2	Developer/Fixer Heater	8
	F3	Main Drive Motor	8
	A1 F1	DC Power Supply	8
Heaters	HR1	Developer Heater	10
	HR2	Fixer Heater	10
	HR3	Dryer Heater	9
Integrated Circuits	U19	EEPROM, Main Program	7
	U20	PROM, Bootstrap	7
	U28	CPU	7
LED and Indicators	DS1	Dryer Heater Enable Relay LED	7
	DS2	Dryer Blower Relay LED	7
	DS3	Recirculation Pump Relay LED	7
	DS4	Developer/Fixer Heater Enable Relay LED	7
	DS5	Main Drive Motor Relay LED	7
	DS6	Replenisher Pumps Enable Relay LED	7
	DS7	500 Circuit Board Status Indicator	7
Motors	B1	Dryer Blower Motor or Replenishment Pump	9
	B3	Developer Replenishment Pump	10
	B4	Fixer Replenishment Pump	10
	B5	Recirculation Pump	10
	B6	AC Drive Motor	10

Component	Designator	Description	Page
Power Supply	A1	Quad Power Supply	8
Relays	K7	Dryer Heater Enable Relay	8
	K501	Dryer Heater Enable Relay	7
	K502	Dryer Blower Motor Relay	7
	K503	Recirculation Pump Relay	7
	K504	Developer/Fix Heater Enable Relay	7
	K505	Main Drive Motor Relay	7
	K506	Replenishment Pumps Enable Relay	7
Resistors	R101	Fixer Manager Current Limit	8
	R102	Fixer Manager Current Limit	8
Sensors and Switches	S1	Drive Side Entrance Detector Switch	11
	S2	Non-Drive Side Entrance Detector Switch	11
	S3	Dryer Air Flow Switch	9
	S4	Top Cover Interlock Switch	11
	S5	Replenishment Calibration Switch	9
	S6	Film Exit Switch	11
	S7	Developer Level Probe	9
	S8	Fixer Level Probe	9
	S10	Dryer Overtemperature Thermostat	9
Solenoids and Inductors	L1	Input Wash Solenoid	10
	L2	Developer Cooling Solenoid	10
	L3	Fixer Heater Inductor	8
	L4	Dryer Heater Inductor	8
	L5	Developer Heater Inductor	8
	L6	Film Sorter Solenoid	11
Solid State Relays	SSR - U1	Fixer Heater Relay	8
	SSR - U2	Fixer Replenishment Pump Relay	8
	SSR - U3	Dryer Heater Relay	8
	SSR - U4	Developer Replenisment Pump Relay	8
	SSR - U5	Developer Heater Relay	8
Suppressors	A2 - K502	Relay	8
	A3 - K503	Relay	8
	A4 - K505A	Relay	8
	A5 - K505B	Relay	8

Component	Designator	Description	Page
Terminal Blocks	TB1	Main AC Power Input	10
	TB2	AC Power Selection/Distribution	10
	TB3	AC Power Selection/Distribution	10
	TB4	Electrical Box AC Power	8
	TB5	Electrical Box DC Electronics	8
Test Points - 500 BD	TP7	+ 5 V DC	7
	TP22	+ 24 V DC	7
	TP23	+12 V DC	7
	TP32	- 12 V DC	7
	TP33	Power Supply Ground	7
Thermistors	RT1	Developer Thermistor	10
	RT2	Fixer Thermistor	10
	RT3	Dryer Thermistor	9
Transformer	T1	Autotransformer	9
Varistor	RV1	SSR-U5	8
	RV2	SSR-U1	8
	RV3	SSR-U3	8

Section 2: Location of Components

Figure No. 1 - 500 Circuit Board

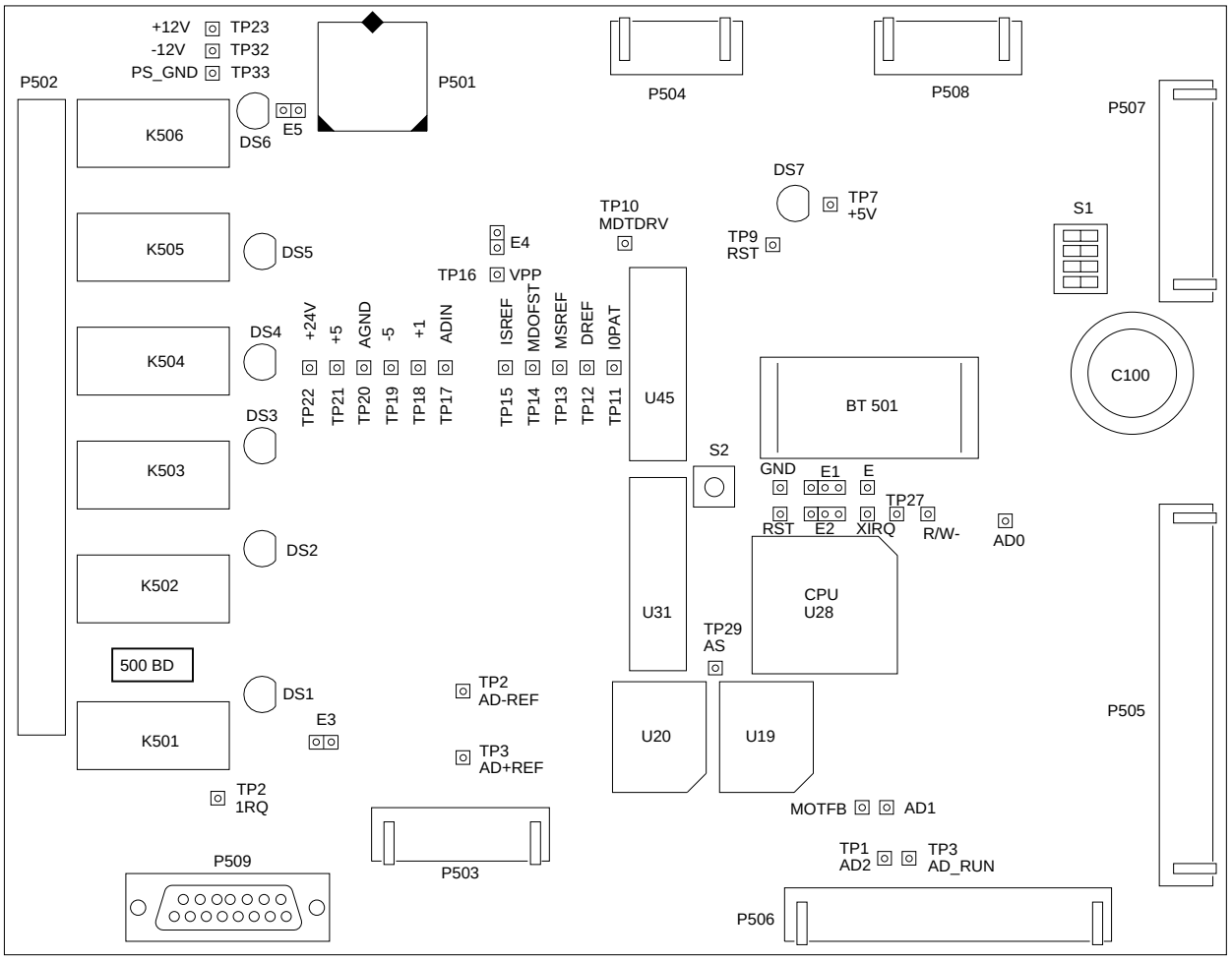

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Figure No. 2 - Electrical Box

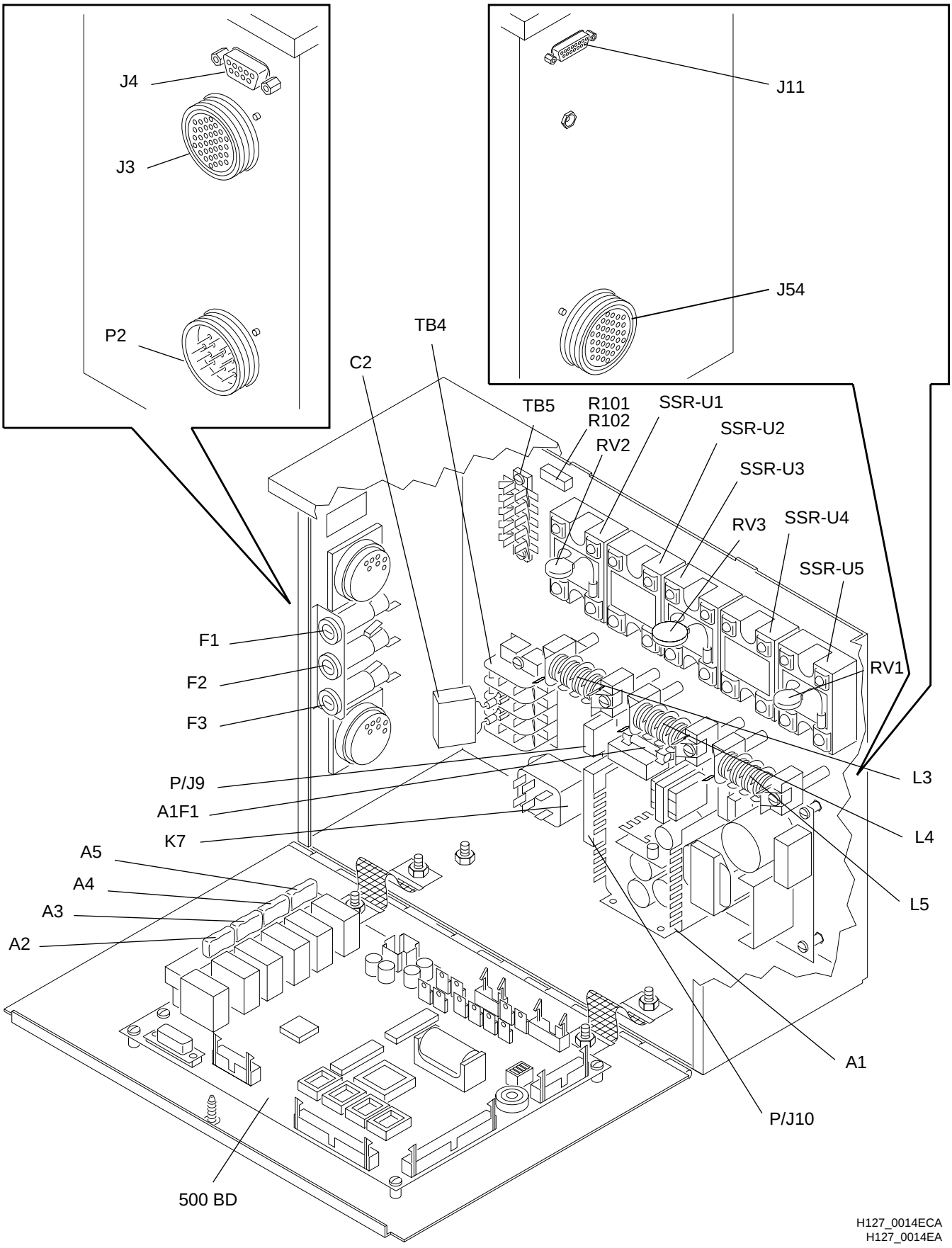

Figure No. 3 - Non-Drive Side

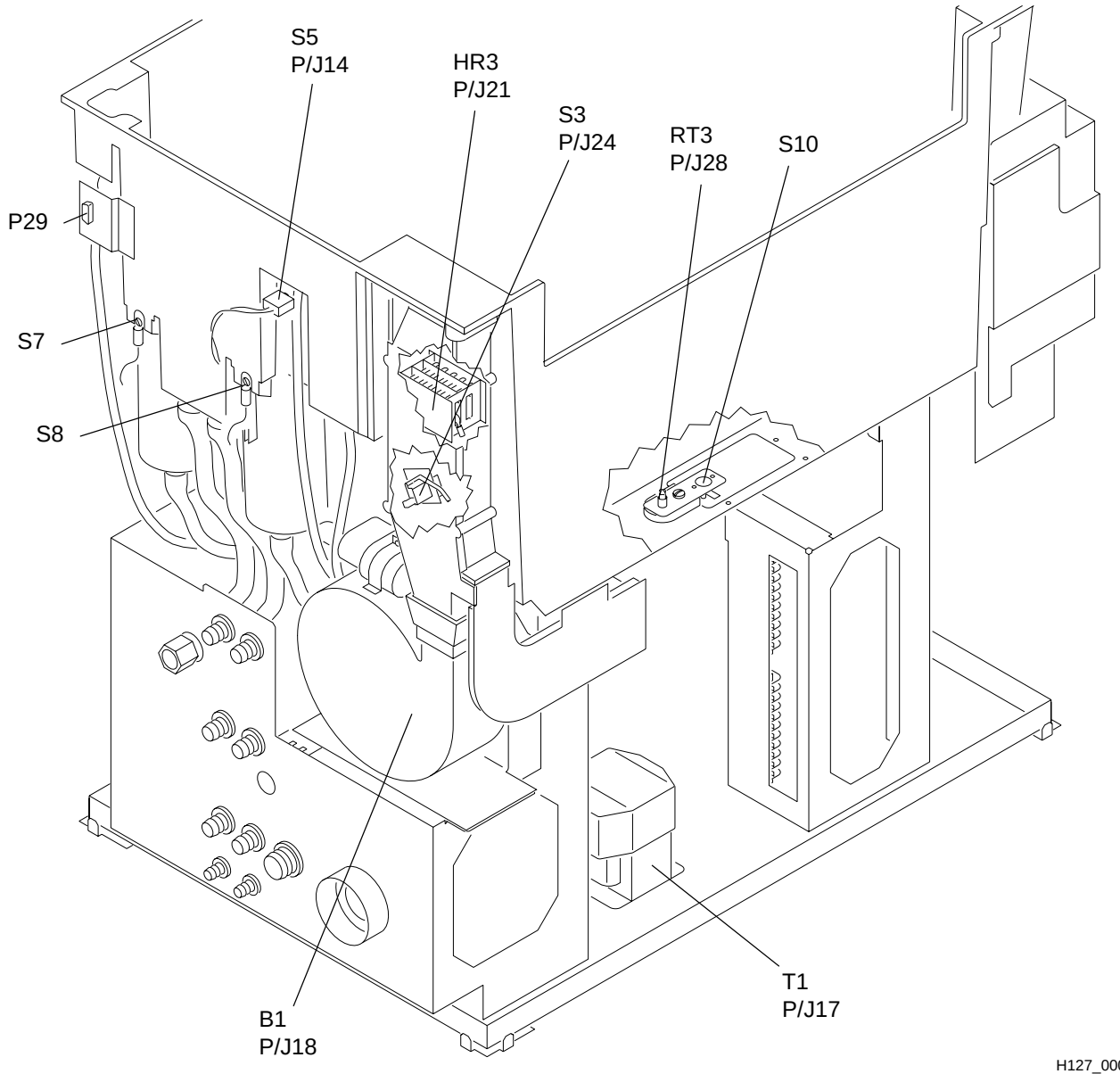

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Figure No. 4 - Drive Side

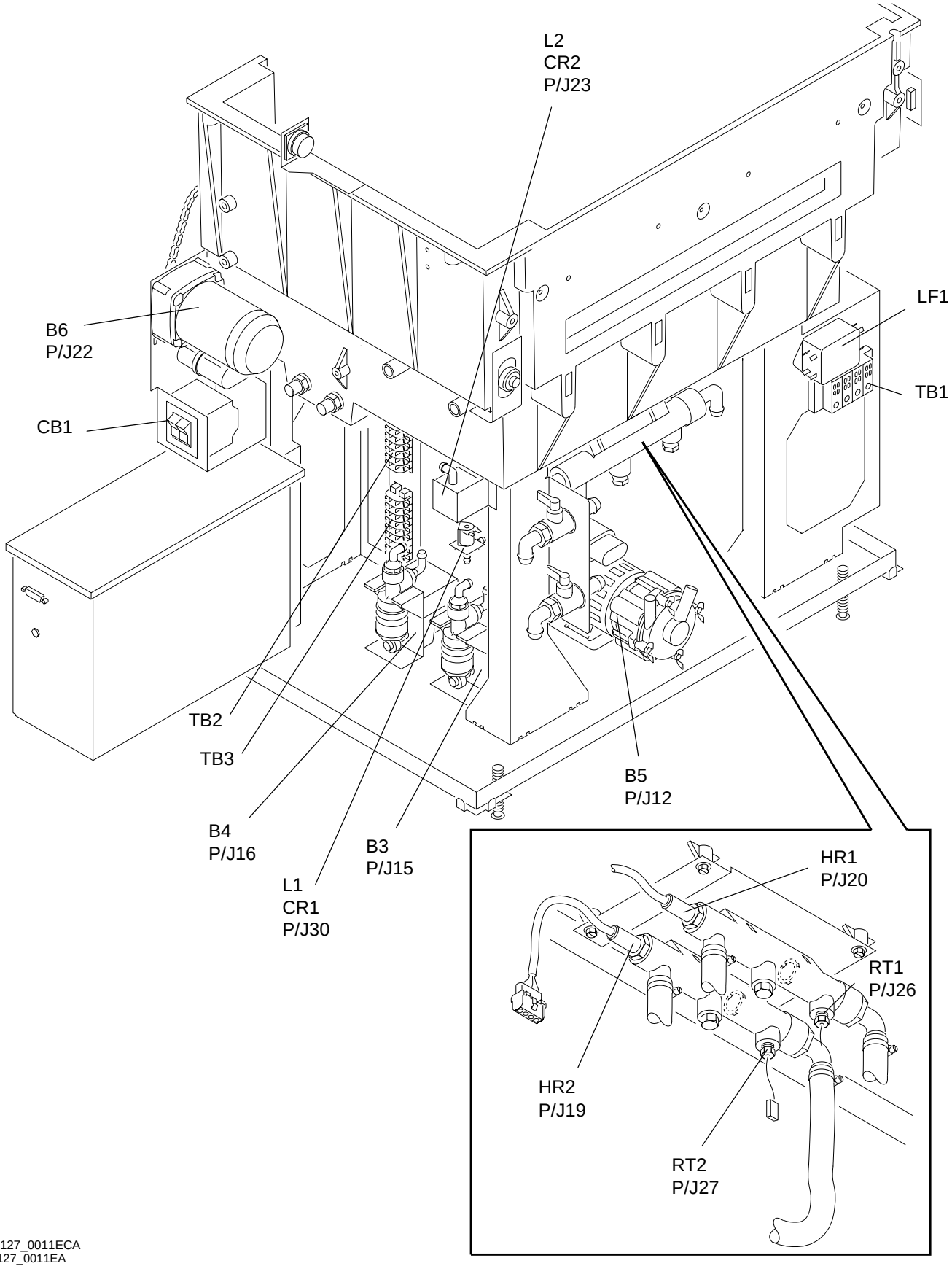

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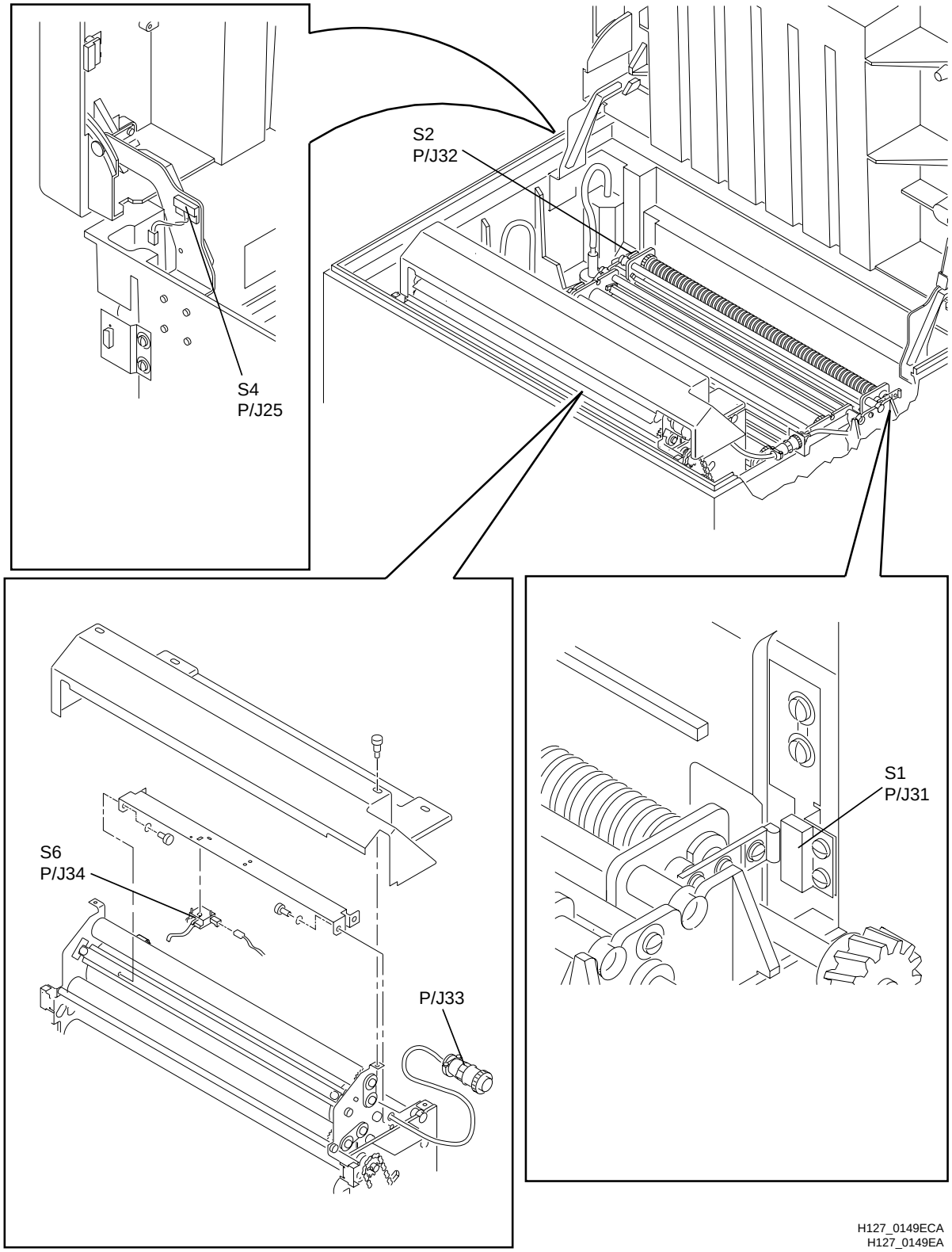
Figure No. 5 - Entrance Detector Switches



Section 3: Publication History

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